

Abstract

A heat integrated distillation column including a cylindrical shell having an upper and a lower end and at least one first inner volume and at least one second inner volume in the shell, and being in heat exchanging contact with each other through a wall separating the volumes. The heat integrated distillation column having the capacity to exchange heat through the wall from the first volume into the second volume, whereby the inside of the heat exchanging means is in open connection with the first volume.